

CURRENT STATUS OF THE CLAIMS

In the Claims

The following is a marked-up version of the claims with the language that is underlined (“___”) being added and the language that contains strikethrough (“—”) being deleted:

1-56. (CANCELED)

57. (NEWLY ADDED) A polyoxometalate-modified fabric, comprising a fabric and a polyoxometalate incorporated into the fabric, said polyoxometalate having the formula $[X^gV_b^{j+}M_c^{h+}Z_{12-b-c}^{i+}O_x]^u[A]$, wherein X is at least one p-, d-, or f-block element; g is greater than or equal to 2; M is at least one f-block element or d-block element having at least one d-electron, wherein M is not vanadium; h is from 1 to 7; i is from 5 to 6; j is from 4 to 5; x is 39 or 40; Z is tungsten, molybdenum, niobium, or a combination thereof; b is from 0 to 6; c is from 0 to 6; u is from 3 to 9; and A is a counterion.
58. (NEWLY ADDED) The composition of claim 57, wherein the polyoxometalate has the formula $[X_2^{r+}V_u^{s+}Z_{18-u}^{y+}O_{62}]^w[A]$, wherein X is at least one phosphorus, sulfur, silicon, aluminum, boron, zinc, cobalt, or iron; a is from 1 to 9; and w is greater than or equal to 4.
59. (NEWLY ADDED) The composition of claim 57, wherein the polyoxometalate has the formula $[X_2^{r+}M_v^{t+}Z_{18-v}^{y+}O_{62}]^w[A]$, wherein X is at least one phosphorus, sulfur, silicon, aluminum, boron, zinc, cobalt, or iron; v is from 1 to 9; and w is greater than or equal to 4.
60. (NEWLY ADDED) An article comprising the polyoxometalate-modified fabric of Claim 57.

61. (NEWLY ADDED) The article of Claim 60, wherein the article is garment, drapery, carpet, or upholstery.
62. (NEWLY ADDED) The fabric of Claim 57, wherein the fabric is prepared from a fiber comprising polyamide, cotton, polyacrylic, polyacrylonitrile, polyester, polyvinylidene, polyolefin, polyurethane, polytetrafluoroethylene, or carbon cloth, or a combination thereof.